

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE N/A		PAGE 1 OF 4 PAGES		
2. AMENDMENT/MODIFICATION NO. 0002		3. EFFECTIVE DATE 03 DEC 23		4. REQUISITION/PURCHASE REQ. NO. N/A		5. PROJECT NO. (If applicable)	
6. ISSUED BY		CODE		7. ADMINISTERED BY (If other than Item 6)		CODE	
DEPARTMENT OF THE ARMY CORPS OF ENGINEERS SACRAMENTO 1325 J STREET SACRAMENTO, CALIFORNIA				SEE ITEM 7			

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)				<input checked="" type="checkbox"/> 9A. AMENDMENT OF SOLICITATION NO. W912P7-04-R-0001	
				<input checked="" type="checkbox"/> 9B. DATED (SEE ITEM 11) 1 DEC 2003	
				<input type="checkbox"/> 10A. MODIFICATION OF CONTRACTS/ORDER NO. N/A	
				<input type="checkbox"/> 10B. DATED (SEE ITEM 13) N/A	
CODE		FACILITY CODE			

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☒ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☒ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning 1 copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

<input checked="" type="checkbox"/>	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
<input type="checkbox"/>	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
<input type="checkbox"/>	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
<input type="checkbox"/>	D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor ☐ is not, ☐ is required to sign this document and return _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

OAKLAND INNER AND OUTER AND RICHMOND INNER HARBORS
ALAMEDA, SAN FRANCISCO, AND CONTRA COSTA COUNTIES, CALIFORNIA

1 ENCL: 1) APPENDIX 16.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)	
15B. CONTRACTOR/OFFEROR		16B. UNITED STATES OF AMERICA	
_____ (Signature of person authorized to sign)		BY _____ (Signature of Contracting Officer)	
15C. DATE SIGNED		16C. DATE SIGNED	

SCOW CERTIFICATION CHECKLIST

CHECKLIST ITEM	RECORD DATA To be filled out and signed within 1 hour of departure time in No. 3	INITIALS	
		CONTR- ACTOR	INSP- ECTOR
1. Ocean Disposal Trip Number:			
2. Departure date to SF DODS:			
3. Departure time to SF DODS:			
4. Dredge Name/Area/Reach/Berth:			
5. Tug name:			
6. Tug Captain's name:			
7. Scow name:			
8. 80% bin capacity (cubic meters):			
9. Bin Cubic Meters hauled:			
10. Does the smoothed dredged material load line (including water) exceed the 80% bin capacity line (1):	<input type="checkbox"/> Yes <input type="checkbox"/> No		
11. Scow fore draft avg./aft draft avg.:			
12. Average draft (2):			
13. A-B Line (not to be exceeded)			
14. Bin freeboard of material and/or water surface (3):			
15. NWS Coastal Marine Forecast (4) (out to 60 nm) (report wind, swell and RMS wave heights (5)) Use forecasted wave data to cover the transit route and for the anticipated duration of the transit to SF-DODS (or not less than 12 hrs.) Write in appropriate forecast periods (ie. Today, Tonight, Tomorrow)	Date/Time of Report:		
	_____ Swell wave height: _____ Wind wave height: _____ RMS wave height:		
	_____ Swell wave height: _____ Wind wave height: _____ RMS wave height:		
	_____ Swell wave height: _____ Wind wave height: _____ RMS wave height:		
16. NWS Off-shore Waters Forecast (4) California Coast 60 nm - 250 nm offshore Pt. Arena to Pt. Conception Write-in appropriate forecast periods	Date/Time of Report:		
	_____ Seas: _____ Winds:		
	_____ Seas: _____ Winds:		
	_____ Seas: _____ Winds:		
17. NWS Buoy Report (6) <i>SF Buoy (46026)</i>	Time of Report:		
	Wave height:		
	Wave period:		
18. NWS Buoy Report (6) <i>Point Arena Buoy (46014)</i>	Time of Report:		
	Wave height:		
	Wave period:		

May 2001

SCOW CERTIFICATION CHECKLIST

CHECKLIST ITEM	RECORD DATA To be filled out and signed within 1 hour of departure time in No. 3	INITIALS	
		CONTR- ACTOR	INSP- ECTOR
19. Based on the wave period at SF Buoy of Item 17, and the RMS wave heights (5) of Item 15 above, check-off Items 19A through 19D Yes or No.			
Waves and Periods:			
A. 3 meters or less, any period:	<input type="checkbox"/> Yes <input type="checkbox"/> No		
B. Greater than 3 meters and less than 5 meters with a period of 9 seconds or more:	<input type="checkbox"/> Yes <input type="checkbox"/> No		
C. Greater than 3 meters and less than 5 meters with a period less than 9 seconds:	<input type="checkbox"/> Yes <input type="checkbox"/> No		
D. Greater than 5 meters with any period:	<input type="checkbox"/> Yes <input type="checkbox"/> No		
20. Scow DDLs functioning:	<input type="checkbox"/> Yes <input type="checkbox"/> No		
21. EPS functioning on tug:	<input type="checkbox"/> Yes <input type="checkbox"/> No		
22. Comments: 			
23. Contractor's Signature:	Print Name:	Time/Date:	
24. Inspector's Signature:	Print Name:	Time/Date:	
25. The decision to proceed to the ocean disposal site based upon all available data including the recordings and calculations on this form, is also subject to the professional judgement of the Tug Captain as to the safety of the crew and vessel.			
Tug Captain's Signature		Print Name:	Time/Date:

- (1) If scow haul of dredged material and water, as verified by observation of bin material and waterline, exceeds the 80% binlimit line as painted on the bin, then the scow is not within specifications.
- (2) If average draft exceeds the A-B Line limit (Item No. 13), then scow is not within specifications.
- (3) Scows must be loaded to avoid risk of spillage under the expected sea state conditions. Federal law prohibits any spillage of material during transit to SF-DODS. Violations may result in fines.
- (4) Use the most recent NWS Coastal Marine Forecast and Offshore Waters Forecast. Contractor may use radio (VHF WX) data, Navtex printout or internet data, but once a primary source is selected for the duration of the project and approved, an alternate method may only be used as an approved backup when the primary source is unavailable. Inspectors are required to retain hardcopy Navtex printout of NWS forecasts for end-of-year reproting. If Internet data is utilized, the following websites are authorized: Coastal Marine Forecast (<http://nimbo.wrh.noaa.gov/Monterey/SFOCWFSFO.html>), Offshore 60 NM Forecast (<http://nimbo.wrh.noaa.gov/Monterey/NFDOFFPZ6>).
- (5) RMS wave height is the calculated RMS sum of the predicted swell and wind wave heights which is equal to the square root of the sum of the squares of the swell wave and wind wave heights as follows:

$$\sqrt{((\text{Swell Wave hgt})^2 + (\text{Wind Wave hgt})^2)}$$

If a range of predicted swell wave height and/or wind wave height is given, use the average of the given range to calculate the RMS wave height, so long as the maximum value of any range does not exceed 5 meters.

- (6) Use the most recent NWS buoy report. Call 1-228-688-1948 listen to instructions and use the buoy numbers listed in Items 17 and 18.

May 2001

CHECKLIST ITEM	RECORD DATA				INITIALS	
	To be filled out and signed within 1 hour of departure time in No. 3				CONTRACTOR	INSPECTOR
19. Scow DDLS functioning:	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No		
20. EPS functioning on tug:	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No		
21. Comments:						
22. Contractor's Signature:		Print Name:			Time/Date:	
23. Inspector's Signature:		Print Name:			Time/Date:	
24. The decision to proceed to the ocean disposal site based upon all available data including the recordings and calculations on this form, is also subject to the professional judgement of the Tug Captain as to the safety of the crew and vessel.						
Tug Captain's Signature		Print Name:			Time/Date:	

- (1) If scow haul of dredged material and water, as verified by observation of bin material and waterline, exceeds the 80% bin limit line as painted on the bin, then the scow is not within specifications.
- (2) If average draft exceeds the A-B Line limit (Item No. 13), then scow is not within specifications.
- (3) Scows must be loaded to avoid risk of spillage under the expected sea state conditions. Federal law prohibits any spillage of material during transit to SF-DODS. Violations may result in fines.
- (4) Use the most recent NWS Coastal Marine Forecast and Offshore Waters Forecast. Contractor may use either radio (VHF WX) data, Navtex printout or internet data, but once a primary source is selected for the duration of the project and approved, an alternate method may only be used as an approved backup when the primary source is unavailable. Inspectors are required to retain hardcopy Navtex printout of NWS forecasts for end-of-year reporting. If internet data is utilized, the following websites are authorized: Coastal Marine Forecast (<http://www.wrh.noaa.gov/afos/SFO/CWF/SFOCWFSFO>), Offshore 60 NM Forecast (<http://www.wrh.noaa.gov/afos/NFD/OFF/NFDOFFPZ6>).
- (5) Use table below to determine RMS wave height and to determine go or no go to disposal site.
- (6) Use the most recent NWS buoy report. Call 1-228-688-1948 follow instructions and use the buoy numbers shown in Items 17 and 18.

WIND WAVE HEIGHTS (FT)													
SWELL HEIGHT (FT)	0	1	2	3	4	5	6	7	8	9	10	11	12
	1	1.4	2.2	3.2	4.1	5.1	6.1	7.1	8.1	9.1	10.0	11.0	12.0
	2	2.2	2.8	3.6	4.5	5.4	6.3	7.3	8.2	9.2	10.2	11.2	12.2
	3	3.2	3.6	4.2	5.0	5.8	6.7	7.6	8.5	9.5	10.4	11.4	12.4
	4	4.1	4.5	5.0	5.7	6.4	7.2	8.1	8.9	9.8	10.8	11.7	12.6
	5	5.1	5.4	5.8	6.4	7.1	7.8	8.6	9.4	10.3	11.2	12.1	13.0
	6	6.1	6.3	6.7	7.2	7.8	8.5	9.2	10.0	10.8	11.7	12.5	13.4
	7	7.1	7.3	7.6	8.1	8.6	9.2	9.9	10.6	11.4	12.2	13.0	13.9
	8	8.1	8.2	8.5	8.9	9.4	10.0	10.6	11.3	12.0	12.8	13.6	14.4
	9	9.1	9.2	9.5	9.8	10.3	10.8	11.4	12.0	12.7	13.5	14.2	15.0
	10	10.0	10.2	10.4	10.8	11.2	11.7	12.2	12.8	13.5	14.1	14.9	15.6
	11	11.0	11.2	11.4	11.7	12.1	12.5	13.0	13.6	14.2	14.9	15.6	16.3
	12	12.0	12.2	12.4	12.6	13.0	13.4	13.9	14.4	15.0	15.6	16.3	17.0
	13	13.0	13.2	13.3	13.6	13.9	14.3	14.8	15.3	15.8	16.4	17.0	17.7
	14	14.0	14.1	14.3	14.6	14.9	15.2	15.7	16.1	16.6	17.2	17.8	18.4
	15	15.0	15.1	15.3	15.5	15.8	16.2	16.6	17.0	17.5	18.0	18.6	19.2
	16	16.0	16.1	16.3	16.5	16.8	17.1	17.5	17.9	18.4	18.9	19.4	20.0
		CAN TOW REGARDLESS OF WAVE PERIOD AT SF BUOY											
		CAN TOW IF WAVE PERIOD AT SF BUOY IS GREATER THAN OR EQUAL TO 9 SECONDS											
		CANNOT TOW REGARDLESS OF WAVE PERIOD											

May 2001